

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An optical disc which is readable by a reproduction apparatus,
the reproduction apparatus being operable to perform random access to moving image data in
accordance with reproduction section information, the optical disc storing:

the moving image data[[,]];

at least two pieces of the reproduction section information, wherein the two pieces of the
reproduction information ~~that~~ specify a preceding reproduction section and a subsequent
reproduction section ~~on~~ of the moving image data;

a duplicated part which is obtained, for a modification purpose, by duplicating an end
vicinity of the preceding reproduction section and a beginning vicinity of the subsequent
reproduction section; and

a flag, which if set to be on, indicates reproduction of a part before the end vicinity and a
part after the beginning vicinity via the duplicated part, and if set to be off, indicates sequential
reproduction of the preceding reproduction section and the subsequent reproduction section
without ~~via~~ using the duplicated part.

2. (Original) The optical disc of Claim 1,
further including temporary section information which specifies the reproduction section
included in the duplicated part,

wherein the reproduction section information is stored in correspondence with link
information showing a link to the temporary section information.

3. (Original) The optical disc of Claim 1,

wherein the moving image data is a compression-encoded picture data sequence, and the modification is performed in order to seamlessly reproduce last picture data included in the preceding reproduction section and first picture data included in the subsequent reproduction section.

4. (Original) The optical disc of Claim 1,

wherein the moving image data is a compressed-encoded picture data sequence, and the modification is performed in order to realize a predetermined visual effect on picture data included in the preceding and the subsequent reproduction sections.

5. (Original) The optical disc of Claim 1,

wherein the moving image data is a picture data sequence, and the reproduction section information includes pointer information which specifies beginning and ending points of a reproduction section, according to a time accuracy of a display period for a piece of picture data.

6. (Original) The optical disc of Claim 5, further including pointer information which specifies picture data immediately before the end vicinity and picture data immediately after the beginning vicinity.

7. (Original) The optical disc of Claim 5,

wherein each piece of picture data is compression-encoded, according to a correlation between picture data before and after the piece of picture data, and the duplicated part include at least one of the groups consisting of compression-encoded picture data.

8. (Currently Amended) A recording apparatus for an optical disc which stores moving image data, comprising:

receiving means for receiving, from an operator, an operation to specify a preceding reproduction section and a subsequent reproduction section ~~on~~ of the moving image data;

duplicating means for duplicating, for a purpose of modification, an end vicinity for the preceding reproduction section and a beginning vicinity for the subsequent reproduction section, and writing the duplicated part onto the optical disc; and

writing means for writing a flag to the optical disc,

wherein the flag, if set to be on, indicates reproduction of a part before the end vicinity and a part after the beginning vicinity via the duplicated part, and if set to be off, indicates reproduction of the preceding and subsequent reproduction sections without ~~via~~ using the duplicated part.

9. (Original) The recording apparatus of Claim 8, further comprising:

judging means for judging whether a sum of a size of the end vicinity and a size of the beginning vicinity is smaller than a predetermined size,

wherein the duplicating means writes the duplicated part onto the optical disc, only when the judging means has judged that the sum is smaller than the predetermined size.

10. (Original) The recording apparatus of Claim 8,
wherein the moving image data is a compression-encoded picture data sequence,
and the modification is performed in order to seamlessly reproduce picture data included
in the preceding and subsequent reproduction sections,
and the duplicating means duplicates all of a plurality of pieces of picture data, that
require modification, included in the preceding and subsequent reproduction sections, and writes
the duplicated part to the optical disc.

11. (Original) The recording apparatus of Claim 8,
wherein the moving image data is a compression-encoded picture data sequence,
the modification is performed in order to realize a visual effect between picture data
included in the preceding and subsequent reproduction sections, and
the duplicating means duplicates all of a plurality of pieces of picture data, that require
modification, included in the preceding and subsequent reproduction sections, and writes the
duplicated part to the optical disc.

12. (Original) The recording apparatus of Claim 8,
wherein the duplicating means connects the duplicated parts together so that a continuous
length of the connected part on the optical disc is larger than a predetermined length and writes
the connected part onto the optical disc.

13. (Currently Amended) A reproduction apparatus for an optical disc which stores moving image data thereon, at least two pieces of reproduction section information that each specify a preceding reproduction section and a subsequent reproduction section ~~on~~ of the moving image data, at least one duplicated part obtained by duplicating an end vicinity of the preceding reproduction section and a beginning vicinity of the subsequent reproduction section, and a flag, the reproduction apparatus comprising:

reproducing means for 1) if the flag is set to be on, reproducing a part before the end vicinity of the preceding reproduction section and a part after the beginning vicinity of the subsequent reproduction section via the duplicated part, and 2) if the flag is set to be off, sequentially reproducing the preceding reproduction section and the subsequent reproduction section without ~~via~~ using the duplicated part.

14. (Original) The reproduction apparatus of Claim 13, wherein the optical disc stores visual effect information showing how to modify the duplicated part,

and the reproduction apparatus comprises:

modifying means for 1) reading out the duplicated part, and 2) modifying the duplicated part according to the visual effect information to obtain a modified part; and

storing means for storing the modified part.

15. (Currently Amended) An optical disc which is readable by a reproduction apparatus, the reproduction apparatus being operable to perform random access to moving image data in accordance with reproduction section information, the optical disc storing:

at least one piece of the moving image data;

a duplicated part obtained by duplicating a part of the moving image data; and

a flag,

wherein the duplicated part is to be modified, and

wherein the flag, if set to be on, indicates reproduction of before and after the moving image data via the duplicated part, and if set to be off, indicates reproduction of the moving image data without ~~via~~ using the duplicated part.

16. (Original) The optical disc of Claim 15,
wherein the moving image data is a compression-encoded picture data sequence, and the modification is performed in order to realize a predetermined visual effect.

17. (Currently Amended) A program embodied on a computer-readable medium, the program causing ~~which makes~~ a computer to perform a ~~procedure~~ method relating to an optical disc storing moving image data thereon, the method comprising:

a receiving step ~~for~~ of receiving, from an operator, an operation to specify a preceding reproduction section and a subsequent reproduction section ~~on~~ of the moving image data,

a duplicating step ~~for~~ of duplicating, for a purpose of modification, an end vicinity for the preceding reproduction section and a beginning vicinity of the subsequent reproduction section, and for writing the duplicated part to the optical disc, and

a writing step ~~for~~ of writing a flag to the optical disc,

wherein the flag, if set to be on, indicates reproduction of a part before the end vicinity and a part after the beginning vicinity via the duplicated part, and if set to be off, indicates sequential reproduction of the preceding and subsequent reproduction sections without ~~via~~ using the duplicated part.

18. (Canceled)

19. (Currently Amended) A program embodied on a computer-readable medium, the program causing ~~which makes~~ a computer to perform a reproduction procedure method relating to an optical disc which stores moving image data, at least two pieces of reproduction section information that each specify a preceding reproduction section and a subsequent reproduction section ~~on~~ of the moving image data, a duplicated part obtained by duplicating an end vicinity of the preceding reproduction section and a beginning vicinity of the subsequent reproduction section, and a flag,

the ~~program~~ reproduction method comprising:

a referring step ~~for~~ of referring to ~~[[a]]~~ the flag;

a reproduction step ~~for~~ of sequentially reproducing, if the flag is set to be on, a part before the end vicinity and a part after the beginning vicinity via the duplicated part, and subsequently

reproducing, if the flag is set to be off, the preceding and subsequent reproduction sections without ~~via~~ using the duplicated part.

20. (Canceled)

21. (Currently Amended) A recording method for an optical disc which stores moving image data, the recording method comprising:

a receiving step ~~for~~ of receiving, from an operator, an operation to specify a preceding reproduction section and a subsequent reproduction section ~~on~~ of the moving image data;

a duplicating step ~~for~~ of duplicating an end vicinity of the preceding reproduction section and a beginning vicinity of the subsequent reproduction section, and for writing the duplicated part onto the optical disc; and

a writing step ~~for~~ of writing a flag to the optical disc,

wherein the duplicated part is to be modified, and

wherein the flag, if set to be on, indicates reproduction of a part before the end vicinity and a part after the beginning vicinity via the duplicated part, and when set to be off, indicates sequential reproduction of the preceding and subsequent reproduction sections without ~~via~~ using the duplicated part.

22. (Currently Amended) A reproduction method for an optical disc which stores:
moving image data;

at least two pieces of reproduction section information that each specify a preceding reproduction section and a subsequent reproduction section ~~on~~ of the moving image data;

a duplicated part which is obtained by duplicating an end vicinity for the preceding reproduction section and a beginning vicinity of the subsequent reproduction section;

and a flag, ~~further~~

the reproduction method comprising:

a referring step ~~for~~ of referring to ~~[[a]]~~ the flag; and

a reproducing step ~~for~~ of reproducing, if the flag is set to be on, a part before the end vicinity and a part after the beginning vicinity via the duplicated part, and for sequentially reproducing, if the flag is set to be off, the preceding and subsequent reproduction sections without ~~via~~ using the duplicated part.